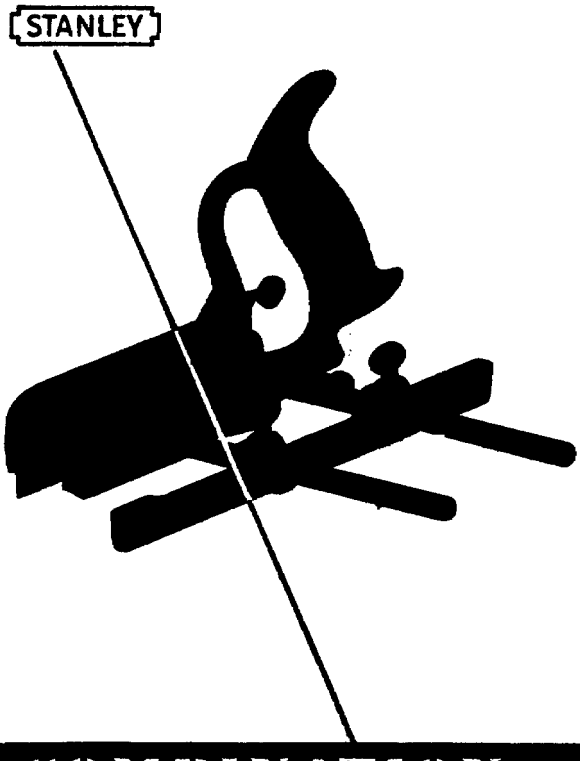
STANLEY



COMBINATION

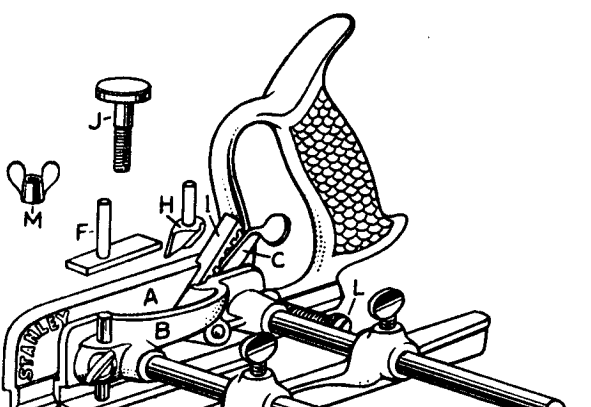
PLANE No. 50

STANLEY No. 50
Combination Plane

THIS STANLEY No. 50 COMBINATION PLANE is light in weight, easy to handle and exceedingly inexpensive for the variety of work it does. It is used for making Plow, Dado, and Rabbet Cuts, and for Beading, Center Beading, Tonguing and Grooving work. It can be used to advantage to plow grooves for panels in cabinet doors, to make beads to match wainscoting, for grooving or rabbeting screen frames, and many other applications.

The Plane is made entirely of metal and is nickel plated. Its size permits it to be carried in the carpenter's kit, taking up no more space than an ordinary smoothing plane. Equipment includes Spurs for planing across the grain, a Fence, Depth Gauge, Shaving Deflector, Beading Gauge, and a convenient Cutter Adjustment Lever.

Seventeen Cutters are furnished with equipment: 9 Plow and Dado Cutters — $\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{5}{8}$ and $\frac{7}{8}$ inch wide; 7 Beading Cutters — $\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$ and $\frac{1}{2}$ inch wide; 1 Tonguing Cutter — $\frac{1}{4}$ inch wide.



A—Main Stock
B—Sliding Section
C—Cutter Adj. Lever
D—Left Fence
E—Arms
F—Depth Gauge
G—Beading Gauge
H—Shaving Deflector
I—Cutter
J—Cutter Holding Screw
K—Spurs
L—Sliding Section Adjusting Screw
M—Cutter Bolt Wing Nut

TO SET UP

Insert the two Arms in the Main Stock and screw them in tight. The Sliding Section fits easily on the Arms. The Cutter is inserted from underneath so that it slides into the cutter seat.

Before adjusting Cutter, tighten slightly the Wing Nut on the Main Stock and the Adjusting Screw on Sliding Section. This Adjusting Screw is used to keep the Sliding Section parallel with the Main Stock. After the Cutter has been set for proper depth with the Adjusting Lever, tighten the Wing Nut securely.

The Fence slides on the Arms and guides against the edge of board when making cuts parallel to the edge.

CUTTER ADJUSTMENT

The Stanley Combination Plane has a handy Adjustment Cutter, conveniently located, to obtain the proper depth of cut. Always loosen the Wing Nut slightly on Main Stock before adjusting Cutter and then tighten securely after the Cutter is properly set.

PLOWING

Insert Plow Cutter desired, tighten Main Stock and Sliding Section as in directions, and adjust Cutter to proper position with Adjustment Lever. Attach Depth Gauge to Main Stock for depth of groove. In making plow cuts with the 1/8" and 1/16" Cutters, remove the Sliding Section entirely. Insert Cutter in cutter seat and fasten Cutter, using Cutter Holding Screw and the same Wing Nut used on the Sliding Section.

RABBETING

For rabbeting with the grain, use a Plow Cutter slightly wider than the width of the rabbet desired. Insert Cutter, tighten Main Stock and Sliding Section as in directions for Setting Up. Use the Fence as a guide.

To cut a rabbet across the grain of the wood, use a Spur on the Main Stock runner and adjust it to score the wood. (Two Spurs are housed in the forward part of the Main Stock.) The use of the Spur eliminates the splintering of the wood and assures a clean smooth cut.

BEADING

Select Beading Cutter desired and insert in the Plane. Adjust as previously described. Use the Fence to gauge the distance of bead from the edge of the board. Beads can be cut approximately 4¼" from the edge using the Fence. Adjust Depth Gauge on Main Stock for depth of beading desired.

CENTER BEADING

Where Beading is to be done more than 4¼" from the edge of the board, use Plane with exactly the same set up as for ordinary beading but without the Fence. A thin batten or strip of wood should be nailed on the work to guide the Plane. The Depth Gauge, however, should be used in the Sliding Section so as to have the Main Stock clear to guide against the strip or batten.

DADOING

Insert Cutter desired and adjust as described in directions. Unscrew Spurs from the Main Stock and fix in cutting position, one on the Main Stock runner and one on the Sliding Section runner. These Spurs, as mentioned under Rabbeting, score the wood ahead of the Cutter and prevent chipping and splintering in cross grain work. Spurs as well as the Cutters should always be sharp.

In cutting a Dado, a thin strip of wood (batten) must be nailed on the board in which the Dado is to be cut. Remove batten when Dado is well started, then finish to correct depth.

BEADING TONGUED OR MATCHED BOARDS

Set Plane as for Beading but without the Fence. Place the Beading Gauge in the Sliding Section. This acts as a gauge on the tongue and the edge of the board. Adjust Depth Gauge on the Main Stock for proper depth.

TONGUING AND GROOVING

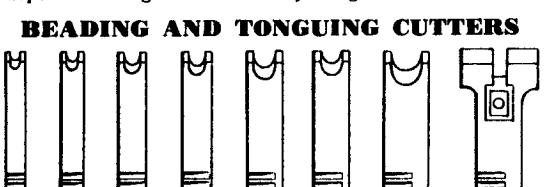
Matched boards, or tongue and groove boards, are easily cut with this Plane. The Tonguing Cutter, No. 5A, will cut a ¼" tongue. Insert Cutter in Plane and adjust. Remove the Depth Stop in the Main Stock and insert in its place the Shaving Deflector. The Cutter itself has its own stop which is adjusted for the size or height of the tongue. The Fence regulates the position of the tongue on the edge of the board. Boards varying from ¼" to 1" in thickness can be matched in the center.

For the groove, use ¼" Plow Cutter, regulating the distance of groove from face of board by use of the Fence. For correct depth, use the Depth Stop on the Main Stock.

CUTTERS

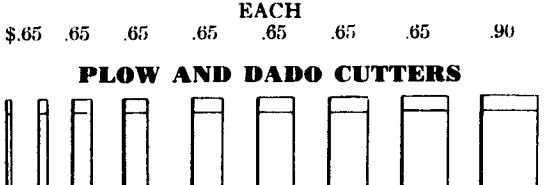
The Seventeen Cutters shown below are furnished with each Stanley No. 50 Combination Plane and are made of high quality Tungsten Steel. The back of each Cutter is notched so that it may be adjusted for correct depth when regulated with Adjusting Lever.

BEADING AND TONGUING CUTTERS



1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	1/4"
EACH							
$.65	.65	.65	.65	.65	.65	.65	.90

PLOW AND DADO CUTTERS

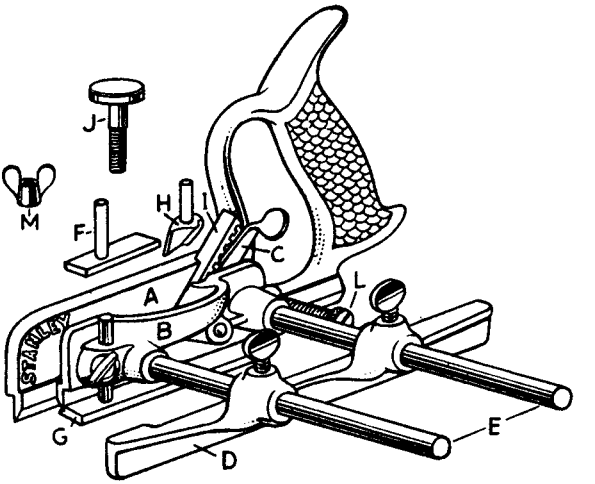


1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	7/8"
EACH								
$.60	.60	.60	.60	.65	.65	.65	.65	.65

When ordering Single Cutters
Specify Width and Type of Cutter

SHARPENING CUTTERS

Good work can only be accomplished with sharp Cutters. Spurs also must have a keen edge for proper results. All straight Cutters are ground and honed in the usual manner. The curvatures of beading cutters are honed with a slip stone of proper size to fit the particular arc of the Cutter



Prices of Parts

	Price	*Order Part No.*
A—Main Stock	$2.50	16
B—Sliding Section	.60	30
C—Cutter Adjustment Lever	.10	89
D—Left Fence	1.50	50
E—Arms (pair)	1.00	60
F—Depth Gauge	.40	70
G—Beading Gauge	.25	73
H—Shaving Deflector	.25	94
I—Cutters (set of 17)	3.50	1
J—Cutter Holding Screw	.20	93
K—Spurs with Screws (pair)	.10	85
L—Sliding Section Adjusting Screw	.20	88
M—Cutter Bolt Wing Nut	.30	24
Cutter Bolt	.30	23
Arm Thumb Screws (each)	.20	31
Cutter Adjustment Lever Screw	.10	90
Cutter Adjustment Lever Collar	.10	91
Cutter Adjustment Lever Nut	.10	92

Prices Subject to Change Without Notice

P18-10M-6 35 PRINTED IN U. S. A.